

3.7.2 Outline for Small Community Planning Grant Engineering Report

- I. Environmental Review
 - A. Environmental Information
 - B. Historical and Archaeological Sites
 - C. Floodplains and Wetlands
 - D. Agricultural Lands
 - E. Wild and Scenic Rivers
 - F. Fish and Wildlife Protection
 - G. Water Quality and Quantity
 - H. Direct and Indirect Impacts
 - I. Mitigating Adverse Impacts
- II. Existing and Future Conditions
 - A. Project Need and Planning Area Identification
 - B. Existing Wastewater Flows and Treatment Systems
 - C. Effluent Limitations
 - D. Infiltration and Inflow (I/I) (*Wastewater only*)
 - 1. Cost Effective Analysis for System with Excessive I/I
 - 2. Sewer Use Ordinance and Sewer Maintenance Program
 - E. Future Conditions
 - 1. Population and Land Use Projections
 - 2. Forecasts of Flows and Wasteloads
 - 3. Flow Reduction
- III. Development and Screening of Alternatives
 - A. Development of Alternatives
 - B. Optimum Operation of Existing Facilities
 - C. Regionalization
 - D. Unsewered Areas (*Wastewater only*)
 - E. Conventional Collection System (*Wastewater only*)
 - F. Alternative Collection Systems (*Wastewater only*)
 - G. Treatment Systems (*Wastewater only*)
 - H. Municipal Treatment of Industrial and Federal Facilities Wastes (*Wastewater only*)
- IV. Evaluation of Principal Alternatives and Plan Adoption
 - A. Alternative Evaluation
 - B. Evaluation of Monetary Costs
 - C. Demonstration of Financial Capability
 - D. Capital Financing Plan
 - E. Environmental Evaluation
 - F. Evaluation of Recreational Opportunities
 - G. Comparison of Alternatives
 - H. Views of the Public and Concerned Interest Groups (This requires a public hearing)
- V. Selected Plan, Description and Implementation Arrangements
 - A. Justification and Description of Selected Plan
 - B. Design of Selected Plan
 - B. Cost Estimates for the Selected Plan

- C. User Rate Impacts
- D. Environmental Impacts of Selected Plan
- F. Arrangements for Implementation
 - 1. Intermunicipal Service Agreements
 - 2. Operation and Maintenance Requirements
 - 3. Pre-treatment Program (*Wastewater only*)
- G. Land Acquisition
 - 1. General Acquisition
 - 2. Acquisition Method
 - 3. Land Costs
- H. Implementation Schedule